

IP Pools

Proxmox KVM module **WHMCS**

[Order now](#) | [Download](#) | [FAQ](#)

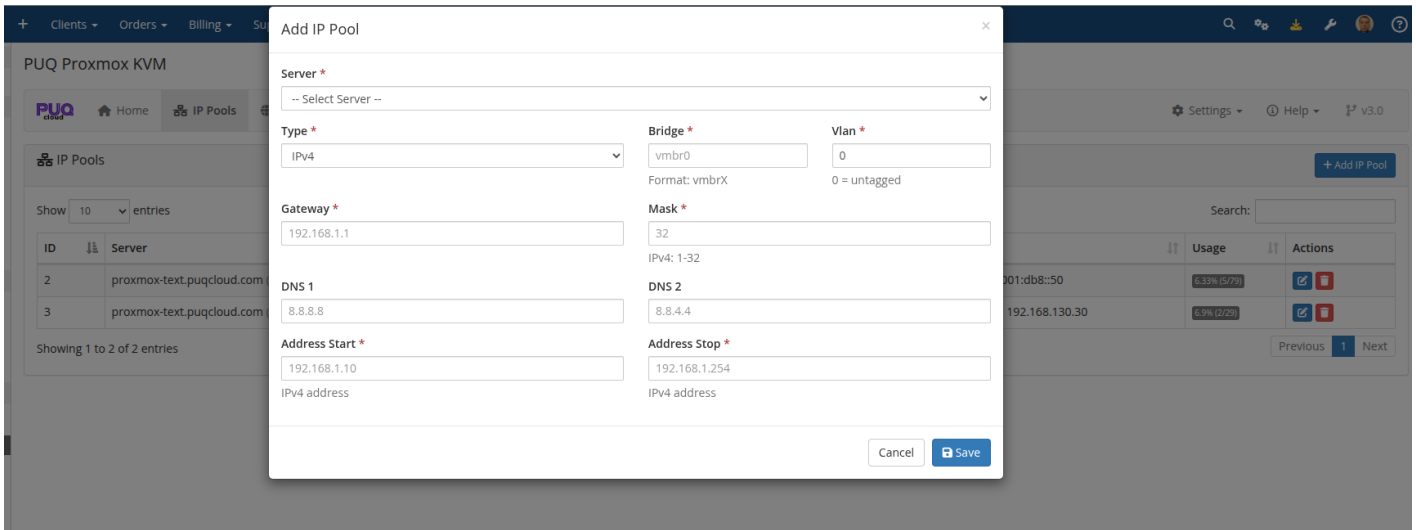
IP Pools allow you to manage blocks of IPv4 and IPv6 addresses that are automatically assigned to virtual machines during provisioning.

“ **Changed in v3.0.** IP Pools are now a first-class feature of the dedicated `|puq_proxmox_kvm|` addon. In v1.3–v2.x the same pool management lived in the separate **PUQ Customization** addon, which is no longer required — on first activation the new addon **automatically imports** all pools from the legacy `|puq_customization_ip_pools|` tables, including their allocations and per-server assignments. If you are migrating from an older version you do not need to recreate the pools by hand.

“ **Legacy alternative (still supported).** If you prefer not to use pools at all, you can still define the IP addresses directly on the WHMCS server entry using the pipe-delimited **Assigned IP Addresses** format — see [Create new server for Proxmox in WHMCS](#). The server module will pick an IP from whichever source has free entries (pools first, then the legacy list).

IP Pools List

Navigate to **Addons > PUQ Proxmox KVM > IP Pools** to view all configured pools.

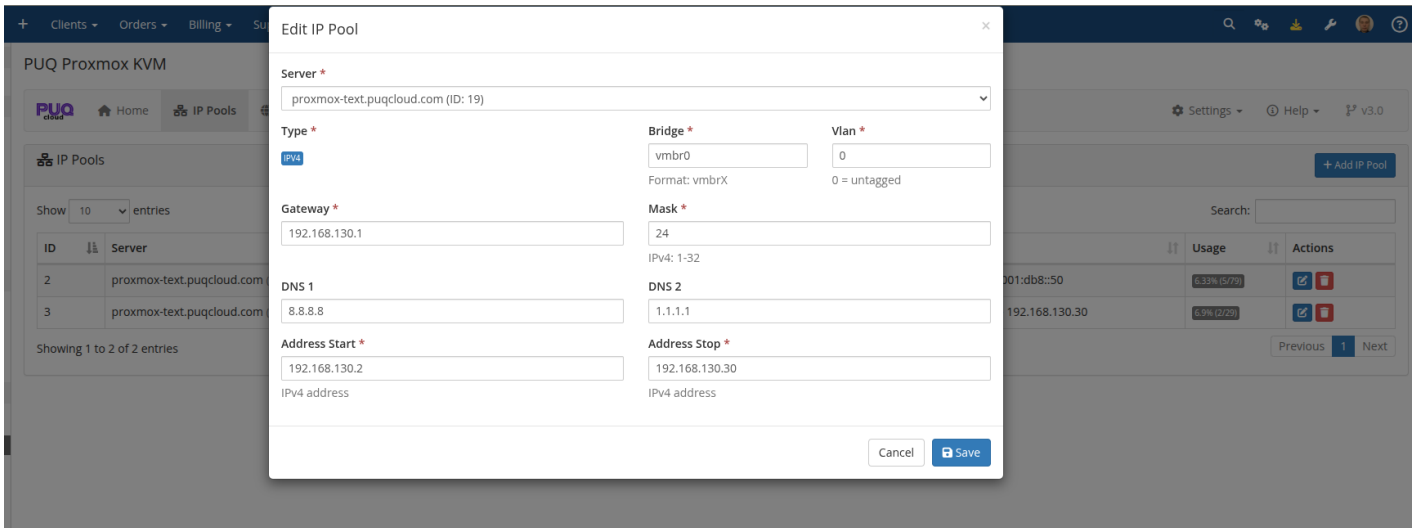


Fill in the following fields:

Field	Description	Example
Server	Select the Proxmox server	pve-waw1
Type	IPv4 or IPv6	IPv4
Bridge	Network bridge name	vmbr0
Vlan	VLAN tag (0 for untagged)	0
Gateway	Default gateway address	192.168.130.1
Mask	Subnet mask (1-32 for IPv4, 1-128 for IPv6)	24
DNS 1	Primary DNS server	8.8.8.8
DNS 2	Secondary DNS server	1.1.1.1
Address Start	First IP in the range	192.168.130.2
Address Stop	Last IP in the range	192.168.130.254

Editing an IP Pool

Click the **Edit** button next to any pool to modify its settings.



“ **Note:** Modifying a pool does not affect already-assigned IP addresses. Changes only apply to new allocations.

IP Allocation Process

IPs are automatically allocated from pools during VM provisioning when:

1. The server has no assigned IPs configured in WHMCS server settings
2. The addon module is installed and activated
3. The product's network configuration has **Auto bridge/VLAN** enabled

The system selects IPs from pools matching the server associated with the product. IPv4 and IPv6 addresses are allocated from separate pools.

Validation Rules

- Bridge must be a valid Proxmox bridge name
- Gateway must match the pool type (IPv4 for IPv4 pools, IPv6 for IPv6 pools)
- Server must be a valid Proxmox server configured in WHMCS
- Address range must be valid for the given type

Revision #7

Created 10 April 2026 13:02:09 by Ruslan

Updated 15 May 2026 07:07:15 by Ruslan